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DISPERSED LIQUID COMPOSITION FOR ELECTROPHORETIC DISPLAY DEVICE
NIPPON PAINT CO LTD

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Abstract: PURPOSE: To prevent contrast reduction and ununiform display and to improve the dispersion stability by dispersing or dissolving specified pts. vol. of electrophoretic fine particles, a resin for dispersing the pigment and an anionic surfactant in a liq. dispersion medium.

CONSTITUTION: Electrophoretic fine particles A of an inorg. or org. pigment giving clear color and contrast, a resin B for dispersing the pigment and an anionic surfactant C are dispersed or dissolved in a liq. dispersion medium. The resin B and the surfactant C are added by 4W70pts. vol. and 10W100pts. vol. per 100pts. vol. particles A, respectively when expressed in terms of solid matter. Polyester, melamine modified polyester, polyester having sulfonic acid groups, vinyl resin or the like is used as the resin B.

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